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Moller's **NURSERY**

FAIRVIEW, OREGON

Commercial Orchard Catalog

FALL 1958 - - SPRING 1959

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U. S. Department of Agriculture

Specialists in
GROWING FRUIT TREES
for the
Commercial Orchardist



Mail Address:
P. O. Box 124
Fairview, Ore.
Phone MO 5-2503



TO THE ORCHARDIST

In buying a fruit tree, the orchardist is purchasing an asset. From this asset he expects to receive the largest return possible. Our production of fruit trees is aimed at supplying the orchardist with this highest quality tree.

Our production of this tree is accomplished through a step by step process. First of all, we have *new and fertile land* which is kept that way by a process of rotation whereas each section is cover-cropped and summer-fallowed for a period of three years after a crop is taken from it.

Next, we have the finest *disease-resistant and pest free understocks available*. These understocks produce an exceptional rootsystem due to the added fact that our trees are *non-irrigated*. Because of the exceptional rootsystem obtained by non-irrigation, our trees transplant much easier and start to grow earlier and faster than the coarse rooted, overgrown trees from irrigated land.

One of our most important steps is that of *scion-wood selection*. We maintain one of the finest scion orchards in the country. All of the trees in this orchard are from the best and cleanest strains available; those that are virus free, have the highest production records, show the best fruit coloring, etc. This orchard is inspected, tested and maintained in co-operation with the Oregon State Department of Agriculture, the United States Department of Agriculture and the Oregon State College Experiment Station. The co-operation with these agencies is also carried on in the overall production of all our trees.

With all of these steps in mind, you can see why we say, "YOU GET MORE FOR YOUR DOLLARS, AT MOLLER'S."

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APPLES

Our apple scion-wood is taken from the heaviest producing and best coloring trees available. Understock is French Crab.

Price Ea., In	Lots of:	10-49	50-299	300-499	500-999	1000 up
Grade	Height	Trees	Trees	Trees	Trees	Trees
3/8-1/2"	3-4'	1.00	.80	.75	.70	.65
1/2-5/8"	4-5'	1.20	.90	.85	.80	.75
5/8-3/4"	5-6'	1.40	1.05	1.00	.95	.90
3/4" up	5-6'	1.60	1.20	1.15	1.10	1.05

Varieties Available

Gravenstein	Red Gravenstein	Red Spitz
King	Red Jonathan	Winesap
Lodi	Red McIntosh	Yellow Delicious
Red Delicious	Red Rome	Yellow Newtown

APRICOTS

Our Apricot budwood is obtained from the heaviest producing trees in our scion orchard. Rootstock is Lovell.

Price Ea., In	Lots of:	10-49	50-299	300-499	500-999	1000 up
Grade	Height	Trees	Trees	Trees	Trees	Trees
3/8-1/2"	3-4'	1.00	.80	.75	.70	.65
1/2-5/8"	4-5'	1.20	.90	.85	.80	.75
5/8-3/4"	5-6'	1.40	1.05	1.00	.95	.90
3/4" up	5-6'	1.60	1.20	1.15	1.10	1.05

Varieties Available

Perfection	Royal	Tilton
	Wenatchee Moorpark	

CHERRIES

All of our Cherry budwood is taken from virus tested, and indexed trees. Seed for the Mazzard understock is taken from virus tested trees.

Price Ea., In Lots of:		10-49	50-299	300-499	500-999	1000 up
Grade	Height	Trees	Trees	Trees	Trees	Trees
$\frac{3}{8}$ - $\frac{1}{2}$ "	3-4'	1.30	1.05	1.00	.95	.90
$\frac{1}{2}$ - $\frac{5}{8}$ "	4-5'	1.50	1.15	1.10	1.05	1.00
$\frac{5}{8}$ - $\frac{3}{4}$ "	5-6'	1.70	1.25	1.20	1.15	1.10
$\frac{3}{4}$ " up	5-6'	1.90	1.35	1.30	1.25	1.20

Varieties Available

Bing (B-260)	Montmorency (M-505)
Black Republican (R-533)	Royal Ann (A-10)
Black Tartarian (T-349)	Sam (S-542)
Lambert (L-530)	Van (V-543)

PEACHES

Budwood taken from the best producing trees in our scion orchard. Understock is Lovell.

Price Ea., In Lots of:		10-49	50-299	300-499	500-999	1000 up
Grade	Height	Trees	Trees	Trees	Trees	Trees
$\frac{3}{8}$ - $\frac{1}{2}$ "	3-4'	1.00	.80	.75	.70	.65
$\frac{1}{2}$ - $\frac{5}{8}$ "	4-5'	1.20	.90	.85	.80	.75
$\frac{5}{8}$ - $\frac{3}{4}$ "	5-6'	1.40	1.05	1.00	.95	.90
$\frac{3}{4}$ " up	5-6'	1.60	1.20	1.15	1.10	1.05

Varieties Available

Dixigem	Imp. Elberta	Red Haven
Dixired	(Gleason Strain)	Rochester
Golden Jubilee	Jerseyland	Sunhigh
Hale Haven	J. H. Hale	Veteran

PEARS

Budwood selected from heaviest producing trees. Understock is Imported French Pear.

Price Ea., In Lots of:		10-49	50-299	300-499	500-999	1000 up
Grade	Height	Trees	Trees	Trees	Trees	Trees
$\frac{3}{8}$ - $\frac{1}{2}$ "	3-4'	1.10	.90	.85	.80	.75
$\frac{1}{2}$ - $\frac{5}{8}$ "	4-5'	1.30	1.00	.95	.90	.85
$\frac{5}{8}$ - $\frac{3}{4}$ "	5-6'	1.50	1.15	1.10	1.05	1.00
$\frac{3}{4}$ " up	5-6'	1.70	1.30	1.25	1.20	1.15

Varieties Available

Anjou	Bosc	Forelle
Bartlett	Comice	Packhams Triumph
Beurre Hardy	Flemish Beauty	Winter Nelis
Nye Russett		Doyenne Gris

PLUMS & PRUNES

Budwood from the best producing trees in our scion orchard. Most varieties available on either Myrobolan or Lovell rootstock.

Price Ea., In Lots of:		10-49	50-299	300-499	500-999	1000 up
Grade	Height	Trees	Trees	Trees	Trees	Trees
$\frac{3}{8}$ - $\frac{1}{2}$ "	3-4'	1.00	.80	.75	.70	.65
$\frac{1}{2}$ - $\frac{5}{8}$ "	4-5'	1.20	.90	.85	.80	.75
$\frac{5}{8}$ - $\frac{3}{4}$ "	5-6'	1.40	1.05	1.00	.95	.90
$\frac{3}{4}$ " up	5-6'	1.60	1.20	1.15	1.10	1.05

Varieties Available

Plums

Beauty	Peach Plum
Bradshaw	President
Burbank	Santa Rosa
Green Gage	Satsuma
Laroda	Yellow Egg

Prunes

Italian (P-536)
Improved French
Milton Early Italian (P-538)
Richards Early Italian

SEMI DWARF APPLES

Two basic problems in the economics of apple orcharding are for one, the per acre yield and secondly, the failure to obtain profitable yield during the early years after planting. The use of "Semi-Dwarf" trees has greatly reduced these problems.

"Semi-Dwarf" Apple refers to an apple variety that has been budded or grafted onto one of the East Malling (EM) rootstocks in order to bring about certain superior qualities in fruit and size. There are also other ways of "dwarfing" trees but they have not proved as satisfactory.

There are a number of different East Malling Rootstocks; each one producing a different size tree. Of these, four have been selected as the best understocks for use in orchards. These four are East Malling I, II, VII and XVI. Taken individually, EM-VII produces what is termed a medium size tree of about one-half the size of a standard tree. Because of this it is ideal for inter-planting. EM-I and II both produce what is termed a moderately vigorous tree that grows to a size of around $\frac{3}{4}$ that of a standard tree, the Malling I being slightly the larger. EM-XVI however, produces a tree that attains a size slightly larger than that of a standard.

By growing apples on these East Malling Rootstocks, the rootstock-scion interactions which bring about the controlled size, also, through their effects on physiological processes, control to considerable extent the type, quantity and quality of wood and fruit produced in the tree. These show up in orchard tree performance in tree size; age of bearing; total fruit yield and quality; and winter hardiness. The following data show the superiority in yield and early bearing:

TOTALS FOR FIRST SIX YEARS IN ORCHARD

Yellow Delicious (early cropper)

Rootstock	Distance	Yield Per Acre
EM-I	18' x 18'	39,360 pounds
EM-II	"	43,952 "
EM-VII	"	36,716 "
EM-XVI	36' x 36'	17,457 "
Standard	"	6,963 "

Red Delicious (late cropper)

Rootstock	Distance	Yield Per Acre
EM-I	18' x 18'	8,308 pounds
EM-II	"	6,700 "
EM-VII	"	9,514 "
EM-XVI	36' x 36'	693 "
Standard	"	1,518 "

As can be seen, yield and early bearing of the varieties on the East Malling rootstocks is greatly over that of standard trees. In reference to quality of fruit, uniformity of above average size is another outstanding characteristic. In regard to coloring of red varieties, there is a tendency for the fruit to be of superior color. As for hardiness, the "Semi-Dwarf" apples are as hardy if not harder than the standard tree. The hardest of all are EM-I and II.

From this bit of information, the superiority of the "Semi-Dwarf" Apples can readily be seen. Should you desire any answers in reference to further information on them, we would be happy to oblige in whatever way we can.

PRICES FOR APPLES ON EAST MALLING I, II & XVI

Price Ea., In	Lots of:	10-49	50-299	300-499	500-999	1000 up
Grade	Height	Trees	Trees	Trees	Trees	Trees
$\frac{3}{8}$ - $\frac{1}{2}$ "	3-4'	1.60	1.20	1.15	1.10	1.05
$\frac{1}{2}$ - $\frac{5}{8}$ "	4-5'	1.80	1.35	1.30	1.25	1.20
$\frac{5}{8}$ - $\frac{3}{4}$ "	5-6'	2.00	1.50	1.45	1.40	1.35
$\frac{3}{4}$ " up	5-6'	2.20	1.65	1.60	1.55	1.50

Varieties Available

On Malling I

Dbl. Red Delicious	Yellow Delicious
Red Delicious	Yellow Newtown

On Malling II

Dbl. Red Delicious	Ruby Red Rome
Dbl. Red Jonathan	Yellow Delicious
Red Delicious	Yellow Newtown

On Malling XVI

Red Delicious	Yellow Delicious
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PRICES FOR APPLES ON EAST MALLING VII

Price Ea., In	Lots of:	10-49	50-299	300-499	500-999	1000 up
Grade	Height	Trees	Trees	Trees	Trees	Trees
$\frac{3}{8}$ - $\frac{1}{2}$ "	3-4'	1.80	1.35	1.30	1.25	1.20
$\frac{1}{2}$ - $\frac{5}{8}$ "	4-5'	2.00	1.50	1.45	1.40	1.35
$\frac{5}{8}$ - $\frac{3}{4}$ "	5-6'	2.20	1.65	1.60	1.55	1.50

Varieties Available

Dbl. Red Delicious	Lodi	Red Spitz
Dbl. Red Jonathan	Northern Spy	Ruby Red Rome
Galer	Red Delicious	Winesap
Gravenstein	Red Gravenstein	Yellow Delicious
King	Red McIntosh	Yellow Newtown
		Yellow Transparent

We also have a good supply of Full Dwarf Apples

Prices are 15c more per tree than Semi-Dwarf on Malling VII. Write for available varieties.

From

Moller's Nursery

FAIRVIEW, OREGON

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Fairview, Ore.

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